SEQUENCE LISTING

<110> GYEONGSANGNAM-DO
      Chulwook, KIM

<120> SCREENING EXPRESSION PROFILE OF GROWTH SPECIFIC GENES IN SWINE
      AND FUNCTIONAL CDNA CHIP PREPARED BY USING THE SAME

<130> 3884-0120P

<140> US 10/785,981
<141> 2004-02-26

<150> KR 2003-83653
<151> 2003-11-24

<160> 5

<170> PatentIn version 3.2

<210> 1
<211> 660
<212> DNA
<213> Kagoshima Berkshire

<400> 1
gagaccagca aatactatgt gaccatcatt gatgccccag gacacagaga cttcatcaaa   60

aacatgatta caggcacatc ccaggctgac tgtgctgtcc tgattgttgc tgctggtgtt   120

ggtgaatttg aagctggtat ctccaagaac gggcagaccc gcgagcatgc tcttctggct   180

tacaccctgg gtgtgaaaca gctgattgtt ggtgtcaaca aaatggattc caccgagcca   240

ccatacagtc agaagagata cgaggaaatc gttaaggaag tcagcaccta cattaagaaa   300

attggctaca accctgacac agtagcattt gtgccaattt ctggttggaa tggtgacaac   360

atgctggagc caagtgctaa tatgccttgg ttcaagggat ggaaagtcac ccgcaaagat   420

ggcagtgcca gtggcaccac gctgctggaa gctttggatt gtatcctacc accaactcgt   480

ccaactgaca agcctctgcg actgcccctc caggatgtct ataaaattgg aggcattggc   540

actgtccctg tgggccgagt ggagactggt gttctcaaac ctggcatggt ggttaccttt   600

gctccagtca atgtaacaac tgaagtcaag tctgttgaaa tgcaccatga agctttgagt   660

<210> 2
<211> 530
<212> DNA
<213> Kagoshima Berkshire

<400> 2
gctgactgat cgggagaatc agtctatctt aatcaccgga gaatccgggg caggaaagac   60

```
tgtgaacacg aagcgtgtca tccagtactt tgccacaatc gccgtcactg gggagaagaa    120

gaaggaggaa cctactcctg gcaaaatgca ggggactctg aagatcaga tcatcagtgc    180

caacccccctg ctcgaggcct ttggcaacgc caagaccgtg aggaacgaca actcctctcg    240

ctttggtaaa ttcatcagga tccacttcgg taccactggg aagctggctt ctgctgacat    300

cgaaacatat cttctagaga agtctagagt cactttccag ctaaaggcag aaagaagcta    360

ccacattttt tatcagatca tgtctaacaa gaagccagag ctcattgaaa tgctcctgat    420

caccaccaac ccatatgact acgccttcgt cagtcaaggg agatcactg tccccagcat    480

tgatgaccaa gaggagctga tggccacaga tagtgccatt gaaatcctgg    530


<210>    3
<211>    589
<212>    DNA
<213>    Kagoshima Berkshire

<400>    3
gttgttcctt taaatatgat gttgccacaa gctgcattgg agactcattg cagtaatatt    60

tccaatgtgc cacctacaag agagatactt caagtctttc ttactgatgt acacatgaag    120

gaagtaattc agcagttcat tgatgtcctg agtgtagcag tcaagaaacg tgtcttgtgt    180

ttacctaggg atgaaaacct gacagcaaat gaagttttga aaacgtgtga taggaaagca    240

aatgttgcaa tcctgttttc tggggggcatt gattccatgg ttattgcaac ccttgctgac    300

cgtcatattc ctttagatga accaattgat cttcttaatg tagctttcat agctgaagaa    360

aagaccatgc caactacctt taacagagaa gggaataaac agaaaaataa atgtgaaata    420

ccttcagaag aattctctaa agatgttgct gctgctgctg ctgacagtcc taataaacat    480

tcagtgtacc agatcgaatc acaggaaggg cgggactaaa ggaactacaa gctgttagct    540

gatgaccaag aggagctgat ggccacagat agtgccattg aaatcctgg    589


<210>    4
<211>    469
<212>    DNA
<213>    Kagoshima Berkshire

<400>    4
catttatgag ggctacgcgc tgccgcacgc catcatgcgc ctggacctgg cgggccgcga    60

tctcaccgac tacctgatga agatcctcac tgagcgtggc tactccttct gaccacagct    120

gagcgcgaga tcgtgcgcga catcaaggag aagctgtgct acgtggccct ggacttcgag    180

aacgagatgg cgacggccgc ctcctcctcc tccctggaaa agagctacga gctgccagac    240
```

2

```
gggcaggtca tcaccatcgg caacgagcgc ttccgctgcc cggagacgct cttccagccc    300

tccttcatcg gtatggagtc ggcgggcatt cacgagacca cctacaacag catcatgaag    360

tgtgacatcg acatcaggaa ggacctgtat gccaacaacg tcatgtcggg gggcaccact    420

gatgaccaag aggagctgat ggccacagat agtgccattg aaatcctgg                469


<210>   5
<211>   507
<212>   DNA
<213>   Kagoshima Berkshire

<400>   5
tatatagaac cgaatcacgt acactgggcc tgaccaagca gggccaaaac aaggcaacct     60

aggaggttat aaaataggta tacgcgcgct gacacataca tactcactac ccgaacgcgg    120

ggacaactag ggctccgcca taagccatcc tttcctggtc gtcgatgttg cgggctgcag    180

ttatagggct gccaaccgcc atacacacct taccagccac ttattaagtt acatccacga    240

gggctctgta ccaccccgaa gcagtggcag tggtagccgc tgcccgctta ccctgcgcag    300

tgttggtgct agctccgtcc taagcttccc cgatagccgc cgctttttac acaccatcgg    360

cggactagac accgttggtt gcagcgtaag cgtctatggt agcagctgcg cgaccgccg     420

tgtagccagc ttactacatg ttagtttcag caaccaccct gccaataccc gtgttcccta    480

ctccaactct gtcggtttca gccgcag                                        507
```

3